Title (en)

PITOT STATIC SYSTEMS WITH ANGLE OF SIDESLIP DETERMINATION AND COMPENSATION

Title (de)

PITOT-STATIKSYSTEME MIT SCHIEBEWINKELBESTIMMUNG UND KOMPENSATION

Title (fr)

SYSTÈMES PITOT STATIQUES AVEC DÉTERMINATION ET COMPENSATION DE L'ANGLE DE DÉRAPAGE

Publication

EP 3598145 B1 20210224 (EN)

Application

EP 19187434 A 20190719

Priority

US 201816041486 A 20180720

Abstract (en)

[origin: EP3598145A1] An air data probe system (100) can include a pitot static system (101) configured to sense at least one total pressure value of a flow at one or more locations, at least one static pressure value of the flow at the one or more locations, and, directly or indirectly, at least one differential static pressure value of the flow at the one or more locations. The system can include an angle of slip (AOS) module (103) configured to determine a local angle of slip (LAOS) value at each location based on the at least one total pressure value at each location, the at least one static pressure value at each location, and the at least one differential static pressure value at each location.

IPC 8 full level

G01P 13/02 (2006.01); **B64D 43/02** (2006.01); **G01P 5/14** (2006.01); **G01P 5/16** (2006.01)

CPC (source: BR EP US)

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EP 3598145 A1 20200122; **EP 3598145 B1 20210224**; BR 102019014964 A2 20200218; CA 3050281 A1 20200120; US 11067593 B2 20210720; US 2020025787 A1 20200123

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